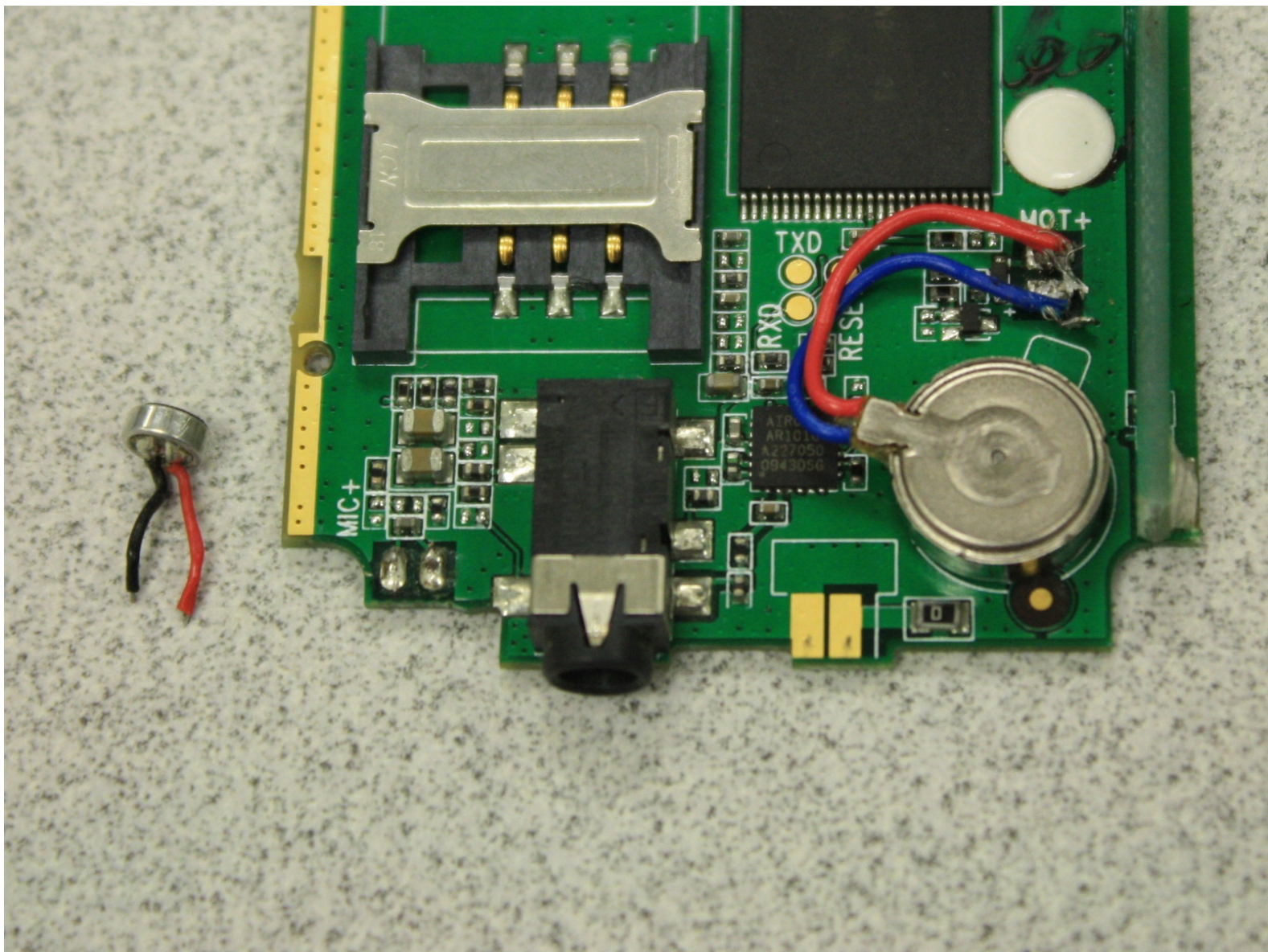




# Snapfon ez One Microphone Replacement

This guide provides a detailed list of instructions for the removal and replacement of a broken or faulty microphone on the Snapfon ez One

Written By: John Bender



## INTRODUCTION

The microphone enables the phone to record sound from the user. The microphone has the ability to pick up sound waves and convert the sound waves into electronic signals.

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### TOOLS:

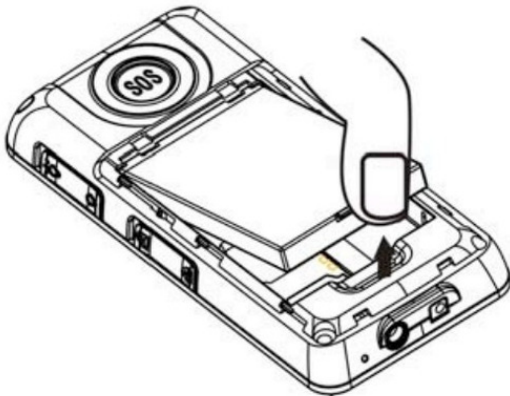
- [iFixit Opening Tools](#) (1)
  - [Phillips #00 Screwdriver](#) (1)
  - [Tweezers](#) (1)
  - [Soldering Station](#) (1)
-

## Step 1 — Battery



- Make sure the phone is turned off by pressing the power off button ensuring no data is lost.
- Remove the back battery cover by sliding it downward and pushing simultaneously.
- ⓘ Picture rights belong to Snapfon®. Picture is used for educational purposes only. No copyright infringement intended.

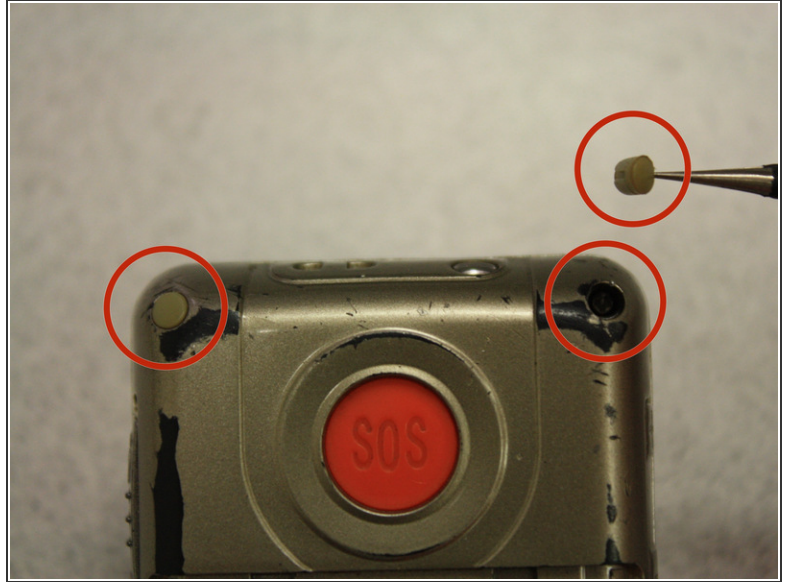
## Step 2



- Using either your thumb or the opening tools, remove the battery by prying you in the direction of the arrow
- If removing battery is for the replacement of a new battery make sure to properly dispose of the old battery at a recycling center.
- ⓘ Picture rights belong to Snapfon®. Picture is used for educational purposes only. No copyright infringement intended.

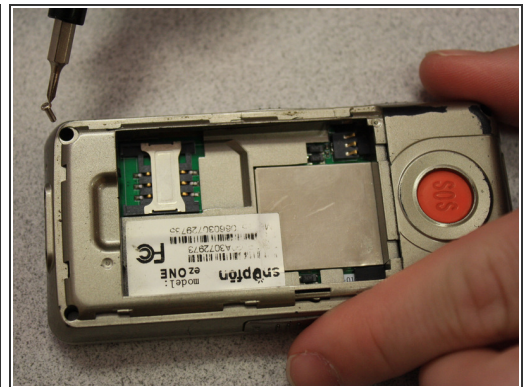
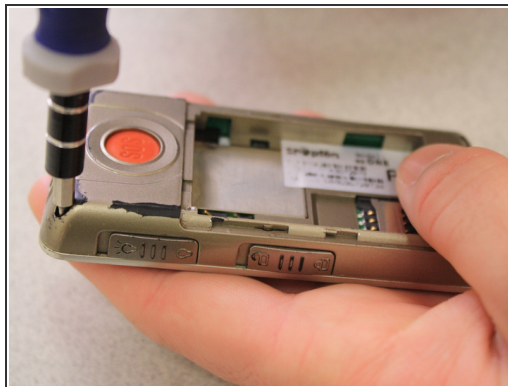
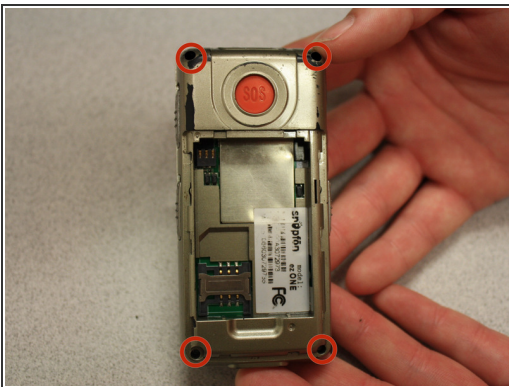


## Step 3 — Motherboard Assembly



- Remove the rubber inserts from the screw holes using the black metal tweezers. This is done by inserting the tip of the metal tweezer down around the plastic insert.

## Step 4



- Remove the 3.1mm long, Phillips #00 screws (Qty: 4) from the corners.
- This is done by turning the skrew driver counter clockwise using little torque.

## Step 5



- Separate the phone's front case from the back case.
- There is an intermediate decorative outlay around the front cases perimeter. This should be removed as well.

## Step 6



- Remove volume slider button by using the tweezers to pry it out.
- ⓘ The volume slider button may fall out during the separation of the front and back cases, this is ok.

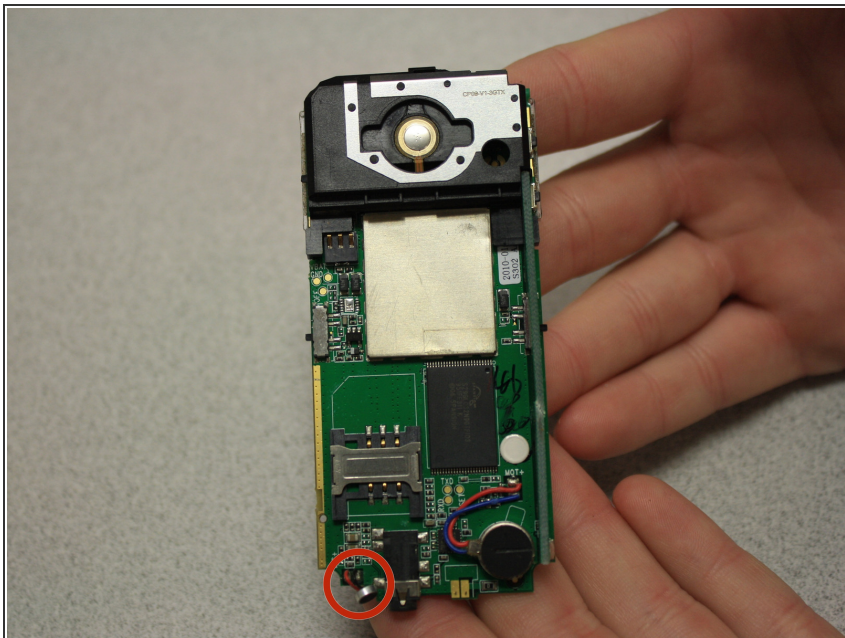


## Step 7



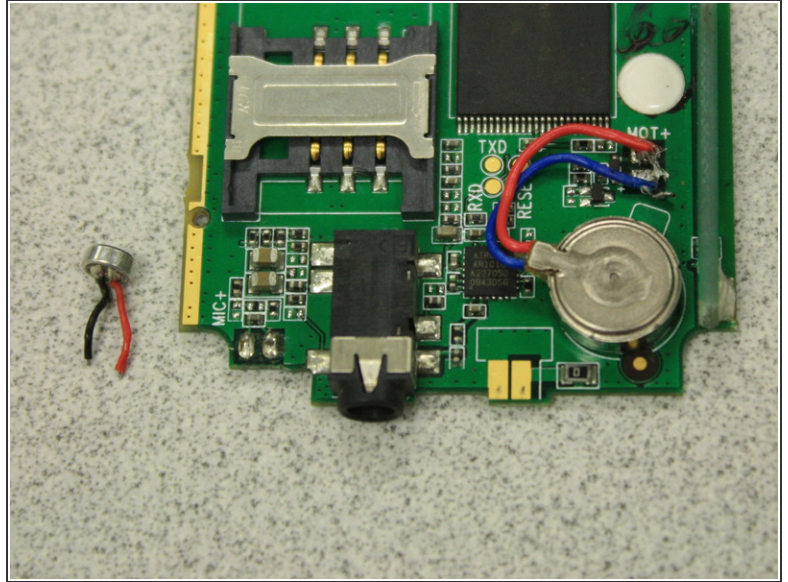
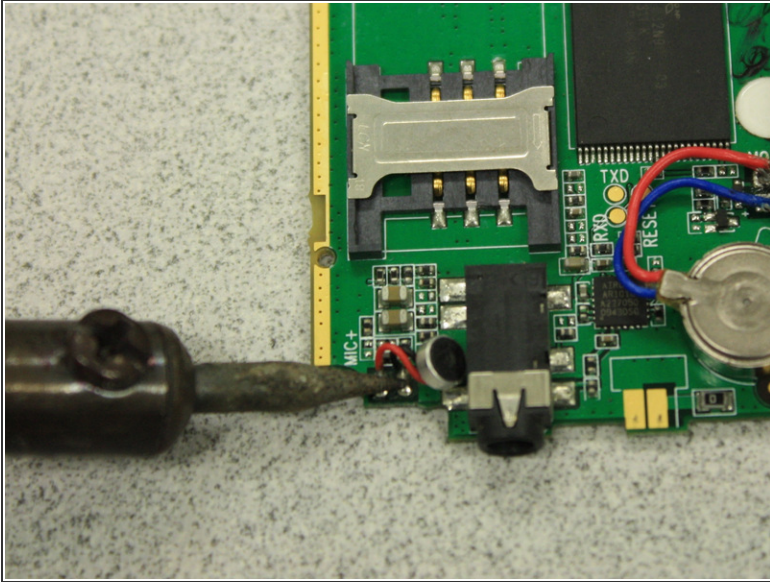
- Use the opening tools to separate the circuit board from inside of the back case by prying between the circuit board and the case as shown.
- The last picture is a view of the back of the circuit board.

## Step 8 — Microphone



- Locate the microphone on the back of the circuit board.

## Step 9



- Desolder the microphone from the circuit board using the soldering iron.

⚠ The solder iron creates high temperatures that may cause bodily harm.

- ☑ Take the replacement microphone and melt the wires to the circuit board with the soldering iron in the same fashion that the old microphone was oriented.

To reassemble your device, follow these instructions in reverse order.

This document was last generated on 2017-10-01 12:30:58 AM.